

What is claimed is:

1. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture, said lighting chamber including a translucent cover and a lamp body formed with vent holes for communicating with an outer space of said lighting chamber, said device comprising:

a partition member partitioning said outer space of said lighting fixture into a front space and a rear space around an outer circumferential portion of said lighting fixture;

vehicle outside environment simulation setting means for simulatively setting said front space in a vehicle outside environment; and

vehicle inside environment simulation setting means for simulatively setting said rear space in a vehicle inside environment,

wherein said partition member has a predetermined opening portion formed in a cuttable sheet.

2. The device according to claim 1, wherein said partition member comprises a sheet and a rigid plate for supporting the circumferential portion of said sheet.

3. The device according to claim 1, wherein said partition member comprises a member that is substantially opaque to visible and near infrared radiation.

4. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture, said lighting chamber including a translucent cover and a lamp body formed with vent holes for communicating with an outer space of said lighting fixture, said device comprising:

a partition member partitioning said outer space of said lighting fixture into a front space and a rear space around an outer circumferential portion of said lighting fixture;

vehicle outside environment simulation setting means for simulatively setting said front space in a vehicle outside environment; and

vehicle inside environment simulation setting means for simulatively setting said rear space in a vehicle inside environment,

wherein said partition member has a predetermined opening portion formed in a flexible sheet.

5. The device according to claim 4, wherein said partition member comprises a sheet and a rigid plate for supporting the circumferential portion of said sheet.

6. The device according to claim 4, wherein said partition member comprises a member that is substantially opaque to visible and near infrared radiation.

7. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture, said lighting chamber including a translucent cover and a lamp body formed with vent holes for communicating with an outer space of said lighting chamber, said device comprising:

a partition member partitioning said outer space of said lighting fixture into a front space and a rear space around the outer circumferential portion of said lighting fixture;

vehicle outside environment simulation setting means for simulatively setting said front space in a vehicle outside environment; and

vehicle inside environment simulation setting means for simulatively setting said rear space in a vehicle inside environment,

wherein said vehicle outside environment simulation setting means comprises at least one simulation setting unit provided in said front space, and said vehicle inside environment simulation setting means comprises at least one simulation setting unit provided in said rear space, and

wherein at least one of said at least one simulation setting unit in said front space and said at least one simulation setting unit in said second space is movable.

8. The device according to claim 7, wherein each said

at least one simulation setting unit that comprises said vehicle
outside environment simulation setting means is disposed in
a first vessel formed with a portion that opens to a rear
direction.

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9. The device according to claim 8, wherein said partition
member encloses said opening in said first vessel.

10. The device according to claim 8, wherein said first
10 vessel is movable between a position for opening and closing
the opening in said first vessel.

11. The device according to claim 7, wherein each said
at least one simulation setting unit that comprises said vehicle
15 inside environment simulation setting means is disposed in a
second vessel formed with a portion that opens to a fore
direction.

12. The device according to claim 11, wherein said
20 partition member encloses said opening in said second vessel.

13. The device according to claim 11, wherein said second
vessel is movable between a position for opening and closing
the opening in said second vessel.

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14. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture, said lighting chamber including a translucent cover and a lamp body formed with vent holes for communicating with an outer space of said lighting chamber, said device comprising:

a partition member partitioning said outer space of said lighting fixture into a front space and a rear space around the outer circumferential portion of said lighting fixture;

vehicle outside environment simulation setting means for simulatively setting said front space in a vehicle outside environment; and

vehicle inside environment simulation setting means for simulatively setting said rear space in a vehicle inside environment,

wherein said vehicle outside environment simulation setting means comprises at least one simulation setting unit provided in said front space, and said vehicle inside environment simulation setting means comprises at least one simulation setting unit provided in said rear space,

wherein each said at least one simulation setting unit that comprises said vehicle outside environment simulation setting means is disposed within a first vessel formed with a rear opening portion that opens to a rear direction, and each said at least one simulation setting unit that comprises said vehicle inside environment simulation setting means is disposed

within a second vessel formed with a front opening portion that opens to the front,

wherein said partition member is provided to enclose one of the rear opening portion in said first vessel and the front opening portion in said second vessel, and

wherein at least one of said first vessel and said second vessel is movable between a position for closing the rear opening portion in said first vessel and the front opening portion in said second vessel and a position for opening thereof, respectively.

15. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture; said lighting chamber including a translucent cover and a lamp body formed with vent holes for communicating with an outer space of said lighting chamber, said device comprising:

a partition member partitioning said outer space of said lighting fixture into a front space and a rear space around the outer circumferential portion of said lighting fixture; and

vehicle environment simulation setting means for simulatively setting one of said front space and said rear space in a vehicle environment,

wherein said vehicle environment simulation setting means comprises at least one simulation setting unit provided in one

of said front space and said rear space; and

at least one of said at least one simulation setting unit is configured to be movable.

5 16. The device of claim 15, wherein said environment simulation setting means is configured to simulatively set said front space in a predetermined vehicle outside environment, and said at least one simulation setting unit is provided is said front space.

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 17. The device of claim 15, wherein said environment simulation setting means is configured to simulatively set said rear space in a predetermined vehicle inside environment, and said at least one simulation setting unit is provided is said
15 rear space.

 18. A device for evaluating a water cloud occurring within a lighting chamber of a vehicle lighting fixture, said lighting chamber including a translucent cover and a lamp body formed
20 with vent holes for communicating with an outer space of said lighting chamber, said device comprising:

 means for partitioning said outer space of said lighting fixture into a front space and a rear space around an outer circumferential portion of said lighting fixture;

25 vehicle outside environment simulation setting means for

simulatively setting said front space in a vehicle outside environment; and

vehicle inside environment simulation setting means for simulatively setting said rear space in a vehicle inside
5 environment.

19. The device of claim 18, wherein said means for partitioning includes a predetermined opening portion which is formed in one of a cuttable sheet and a flexible sheet.

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20. The device of claim 18, wherein said means for partitioning comprises a sheet and a rigid plate for supporting the circumferential portion of said sheet, and is substantially opaque to visible and near infrared radiation.

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